

Notice of Allowability

Application No.

09/940,242

Examiner

Todd Ingberg

Applicant(s)

VAN DE VANTER ET AL

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/15/2006.
2. ☒ The allowed claim(s) is/are 1-27, 29-30.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 6/26/06
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


TODD INGBERG
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Steven Gilliam on Monday June 26, 2006. The application has been amended as follows:

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1. (Currently Amended) An interactive software engineering tool embodied as executable instructions in at least one, [which is embodied on a] computer readable medium, which [that] , for distinct portions of a single unit of source code, presents a user thereof with behavior according to a corresponding set of lexical rules, wherein transition of the behavior from that in accordance with a first lexical context to that in accordance with a second lexical context is based on recognition of an opening boundary token according to the first lexical context and without use of a structural command to the interactive software engineering tool while maintaining a pre-existing lexical context past an insertion point of the opening boundary token in an edit buffer.

7. (Currently Amended) An interactive software engineering tool embodied as executable instructions in at least one, [which is embodied on a] computer readable medium, which that, in response to introduction of a language-defined opening boundary token at a cursor position in an edit buffer, automatically inserts a corresponding closing boundary token, such that display of edit buffer content past the cursor position maintains its pre-introduction association with a first lexical context and with linguistically-driven typography therefor, while subsequent entry at the cursor position is subject to a second lexical context.

30. (Currently Amended) A computer system comprising:
a display; memory; a language-based editor program executable by the computer system ; and a buffer defined by the [source code] language-based editor program and instantiable in the memory, wherein the language-based editor program renders contents of the buffer to the display in accordance with an associated language context, and wherein the language-based editor program recognizes entry of a transitional opening token defined by a first language context and, in response thereto, associates text subsequently entered into the buffer at an insertion point thereof with a second language context, while maintaining a pre-existing association between the first language context and contents of the buffer past the insertion point.

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1. (Currently Amended) An interactive software engineering tool embodied as executable instructions in at least one, computer readable medium, which, for distinct portions of a single unit of source code, presents a user thereof with behavior according to a corresponding set of lexical rules, wherein transition of the behavior from that in accordance with a first lexical context to that in accordance with a second lexical context is based on recognition of an opening boundary token according to the first lexical context and without use of a structural command to the interactive software engineering tool while maintaining a pre-existing lexical context past an insertion point of the opening boundary token in an edit buffer.

7. (Currently Amended) An interactive software engineering tool embodied as executable instructions in at least one, computer readable medium, which that, in response to introduction of a language-defined opening boundary token at a cursor position in an edit buffer, automatically inserts a corresponding closing boundary token, such that display of edit buffer content past the cursor position maintains its pre-introduction association with a first lexical context and with linguistically-driven typography therefor, while subsequent entry at the cursor position is subject to a second lexical context.

30. (Currently Amended) A computer system comprising:
a display; memory; a language-based editor program executable by the computer system ; and a buffer defined by the language-based editor program and instantiable in the memory, wherein the language-based editor program renders contents of the buffer to the display in accordance with an associated language context, and wherein the language-based editor program recognizes entry of a transitional opening token defined by a first language context and, in response thereto, associates text subsequently entered into the buffer at an insertion point thereof with a second language context, while maintaining a pre-existing association between the first language context and contents of the buffer past the insertion point.

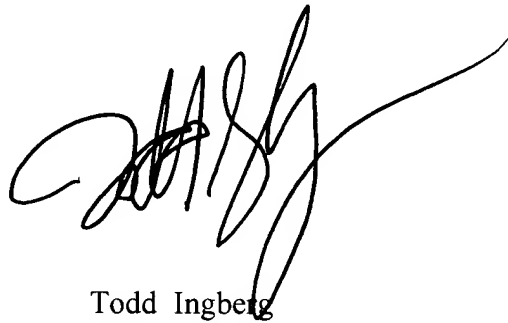
Correspondence Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Todd Ingberg whose telephone number is (571) 272-3723. The examiner can normally be reached on during the work week..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (571) 272-3719. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

A handwritten signature in black ink, appearing to read 'TI', with a long, sweeping horizontal line extending to the right.

Todd Ingberg
Primary Examiner
Art Unit 2193

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